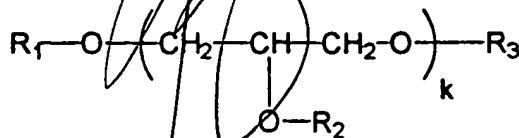


cosmetic or dermatological sunscreen preparations which are present in the form of O/W emulsions or W/O emulsions, wherein said emulsions comprise:

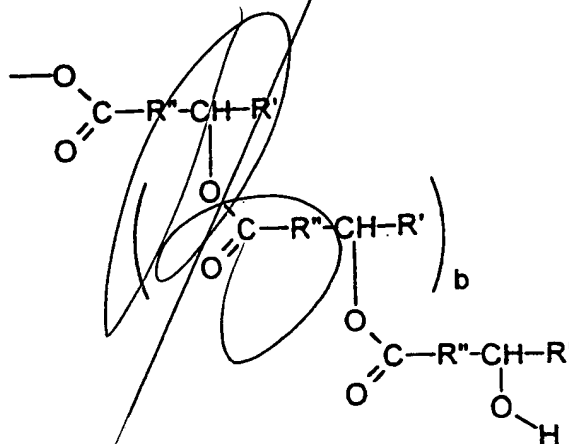
- (a) one or more UV filter substances which bear one or more sulphonic acid groups or sulphonate groups on their molecular backbone, and
- (b) one or more surface-active substances, selected from the group of substances of the general structural formula



where

- k is from 1 to 8,
- $\text{R}_1$ ,  $\text{R}_2$  and  $\text{R}_3$ , independently of one another, are selected from the group consisting of:
- H, although in this case at least one of the radicals  $\text{R}_1$ ,  $\text{R}_2$  and  $\text{R}_3$  must not be H,
- branched or unbranched, saturated or unsaturated alkyl radicals,
- branched or unbranched, saturated or unsaturated acyl radicals,

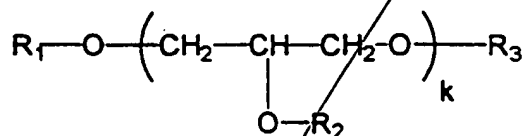
- branched or unbranched, saturated or unsaturated alkanecarboxylic acids having from 8 to 24 carbon atoms, in which up to 3 aliphatic hydrogen atoms can be substituted by hydroxyl groups, and/or
- polyester radicals of the general structure



said method comprising:

- A1  
end.
- (c) incorporating a superficially hydrophobed inorganic pigment into the oil phase of the O/W emulsion or W/O emulsion, and
  - (d) optionally, incorporating a hydrophilic inorganic pigment into the water phase of the O/W or W/O emulsion.--

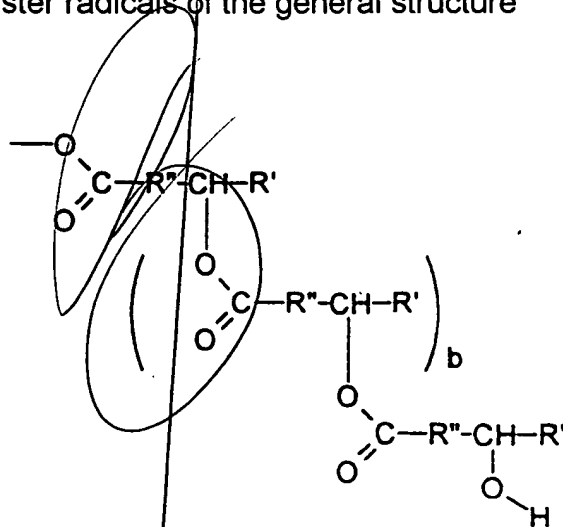
Claim 4 (once amended) [Use of] The method according to Claim 8,  
wherein the surface-active substances[,] are selected from the group of substances of  
the general structural formula



where

- k is from 1 to 8,
- $R_1$ ,  $R_2$  and  $R_3$ , independently of one another, are selected from the group consisting of:
- H, although in this case at least one of the radicals  $R_1$ ,  $R_2$  and  $R_3$  must not be H,
- branched or unbranched, saturated or unsaturated alkyl radicals,

- branched or unbranched, saturated or unsaturated acyl radicals, the acids of which these acyl radicals are based being selected from the group of
- branched or unbranched, saturated or unsaturated alkanecarboxylic acids having from 8 to 24 carbon atoms, in which up to 3 aliphatic hydrogen atoms can be substituted by hydroxyl groups, and/or
- polyester radicals of the general structure



where R' is selected from the group of branched and unbranched alkyl groups having from 1 to 20 carbon atoms, and R'' is selected from the group of branched and unbranched alkylene groups having from 1 to 20 carbon atoms, and b is from 0 to 200, and

[for achieving or increasing the water resistance of cosmetic or

A2 cont. 45027-314680

dermatological sunscreen preparations, which are present in] the [form of]  
O/W emulsions or W/O emulsions[, which] comprise

- AD-  
end
- (b) one or more UV filter substances which bear one or more sulphonic acid groups or sulphonate groups on their molecular backbone, and  
[which] optionally further comprise
- (c) one or more cosmetically or pharmaceutically acceptable inorganic pigments which are superficially hydrophobed, and which are incorporated into the oil phase of the O/W emulsions or W/O emulsions, and
- (d) where any other hydrophilic inorganic pigments present are incorporated into the water phase of the O/W emulsions or W/O emulsions.

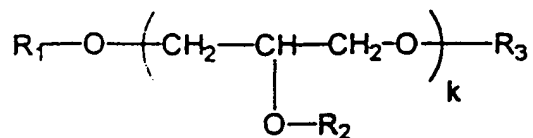
Claim 5, lines 1 and 2, after "Claim 1" delete "or 2 or uses according to Claim 3 or 4".

Claim 6, lines 1 and 2, after "Claim 1" delete "or 2 or uses according to Claim 3 or 4".

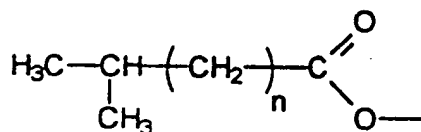
Claim 7, lines 1 and 2, after "Claim 1" delete "or 2 or uses according to Claim 3 or 4".

Add the following new claims.

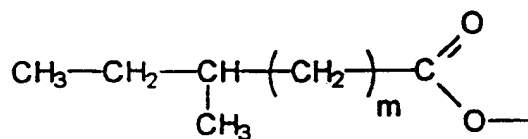
--9. The method according to Claim 8, characterized in that in the substances of the general structural formula



$R_1$ ,  $R_2$  and  $R_3$  are selected from H, methyl, ethyl, propyl, isopropyl, myristoyl, palmitoyl, stearoyl and eicosoyl groups, or from the group which is distinguished by the chemical structures

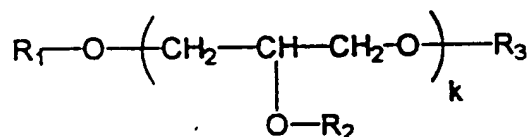


where  $n$  is from 10 to 20, the isostearyl radical being preferred, and



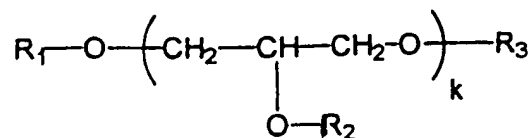
where  $m$  is from 9 to 19.--

--10. The method according to Claim 8, characterized in that the substances of the general structural formula



are selected from the group consisting of polyglyceryl-4 isostearate, polyglyceryl-3 diisostearate, polyglyceryl-2 sesquiisostearate and polyglyceryl-2 polyhydroxystearate.--

--11. The method according to Claim 8, characterized in that the substances of the general structural formula



are present in concentrations of from 0.005 to 50% by weight, preferably in concentrations of from 0.5 to 10% by weight, in particular from 1.0 to 5% by weight, based on the total weight of the preparations.--